

10/516971

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PATENT

Attorney Docket No.: 082398-000110US

Client Reference No.: E1-A0304P-US

#3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

YOSHIKAWA et al.

Application No.: Not yet assigned

Filed:

U.S. National Phase of: PCT/JP03/07010

Int'l Filing Date: June 3, 2003

For: NOVEL CONDENSED
IMIDAZOLE DERIVATIVES

Examiner: Not yet assigned

Art Unit: Not yet assigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed.

References "AE" - "AH", "AK" and "AL" were cited by the International Search Authority in the corresponding PCT application. A English translation of the Search/Examination report in the corresponding PCT application is enclosed.


Document "AK" is not in the English language. Document "AK" (Beljean-Leymarie, 1983) is categorized as an "A" document on the attached International Search Report.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,


Kevin Bastian
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60369634 v1

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/516 971	
			Filing Date		
			First Named Inventor	Yoshikawa, Seiji	
			Art Unit	Not yet assigned	
Examiner Name	Not yet assigned				
Attorney Docket Number	082398-000110US				
Sheet	1	of			

U.S. PATENT DOCUMENTS+					
		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Examiner Initials*	Cite No. ¹	Number Kind Code ² (if known)			
	AA	2002/0161001 A1	10/31/2002	Kanstrup et al.	
	AB	2002/0198205 A1	12/26/2002	Himmelsbach et al.	
	AC	2004/0082570 A1	04/29/2004	Yoshikawa et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AD	WO	00/56296	A2/A3	09/28/2000	Ferring BV		<input type="checkbox"/>
	AE	WO	02/02560	A2	01/10/2002	Novo Nordisk A/S		<input type="checkbox"/>
	AF	WO	02/068420	A1	09/06/2002	Boehringer Ingelheim Pharma KG		<input type="checkbox"/>
	AG	WO	03/004496	A1	01/16/2003	Novo Nordisk A/S		<input type="checkbox"/>
	AH	EP	0 206 415	A2	12/30/1986	Janssen Pharmaceutica N.V.		<input type="checkbox"/>

Examiner Signature		Date Considered	
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60369634 v1

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known		
		Application Number	10/516971	
		Filing Date		
		First Named Inventor	Yoshikawa, Seiji	
		Art Unit	Not yet assigned	
		Examiner Name	Not yet assigned	
Sheet	2	of	Attorney Docket Number	082398-000110US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AI	BALKAN, B. <i>et al.</i> ; "Inhibition of dipeptidyl peptidase IV with NVP-DPP728 increases plasma GLP-1 (7-36 amide) concentrations and improves oral glucose tolerance in obese Zucker rats"; <u>Diabetologia</u> ; 1999; pp. 1324-1331; Vol. 42; Springer-Verlag	
	AJ	BAUVOIS, B. <i>et al.</i> ; "Constitutive expression of CD26/dipeptidylpeptidase IV on peripheral blood B lymphocytes of patients with B chronic lymphocytic leukaemia"; <u>British Journal of Cancer</u> ; 1999; pp. 1042-1048; Vol. 79, No. 7/8; Cancer Research Campaign	
	AK	BELJEAN-LEYMARIE, Martine <i>et al.</i> ; "Hydrazines et hydrazones hétérocycliques. IV. Synthèses de dérivés de l'hydrazine dans la série des imidazo[4,5-d] pyridazinones-4"; <u>Can. J. Chem.</u> ; 1983; pp. 2563-2566; Vol. 61	
	AL	BERRY, David A. <i>et al.</i> ; "Synthesis of 8-amino-3-deazaguanine via imidazole precursors. Antitumor activity and inhibition of purine nucleoside phosphorylase"; <u>J. Med. Chem.</u> ; 1986; pp. 2034-2037; Vol. 29	
	AM	CALLEBAUT, Christian <i>et al.</i> ; "T cell activation antigen, CD26, as a cofactor for entry of HIV in CD4 ⁺ cells"; <u>Science</u> ; December 24, 1993; pp. 2045-2050; Vol. 262	
	AN	GOTOH, Hiroshi <i>et al.</i> ; "Activity of dipeptidyl peptidase IV and post-proline cleaving enzyme in sera from osteoporotic patients"; <u>Clin Chem.</u> ; 1988; pp. 2499-2501; Vol. 34, No. 12.	
	AO	HARTMANN, B. <i>et al.</i> ; "Dipeptidyl peptidase IV inhibition enhances the intestinotrophic effect of glucagons-like peptide-2 in rats and mice"; <u>Endocrinology</u> ; 2000; pp. 4013-4020; Vol. 141, No. 11; The Endocrine Society; USA	
	AP	HOLST, Jens J. and Carolyn F. Deacon; "Inhibition of the activity of dipeptidyl-peptidase IV as a treatment for Type 2 diabetes"; <u>Diabetes</u> ; November 1998; pp. 1663-1670; Vol. 47	
	AQ	KOHL, A. <i>et al.</i> ; "The role of dipeptidylpeptidase IV positive T cells in wound healing and angiogenesis"; <u>Agents and Actions</u> ; 1991; pp. 125-127; Vol. 32, No. 1/2; Birkhäuser Verlag; Basel	
	AR	STEINBRECHER, Andreas <i>et al.</i> ; "Targeting dipeptidyl peptidase IV (CD26) suppresses autoimmune encephalomyelitis and up-regulates TGF- β 1 secretion <i>in vivo</i> "; <u>The Journal of Immunology</u> ; 2001; pp. 2041-2048; Vol. 166	
	AS	WILSON, Michael J. <i>et al.</i> ; "Dipeptidylpeptidase IV activities are elevated in prostate cancers and adjacent benign hyperplastic glands"; <u>Journal of Andrology</u> ; March/April 2000; pp. 220-226; Vol. 21, No. 2	
	AT	YIP, Rupert G. C. and M. Michael Wolfe; "GIP biology and fat metabolism"; <u>Life Sciences</u> ; 2000; pp. 91-103; Vol. 66, No. 2	

Examiner Signature		Date Considered	
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